



Purpose of Document

This document describes the prerequisites for each ST Math Objective in the 2022-2023 school year Common Core curriculum. Any effective reordering of Objectives should respect the indicated Objective prerequisites in order to avoid breaking the internal coherence, schema building, and content dependencies that exist between certain Objective pairs.

Considerations for Curriculum Reordering

Even though the ST Math Objective order can be changed to match your school / textbook topic ordering, the length of time students spend on topics may differ due to the personalized nature of ST Math. For example, your school / textbook syllabus may schedule 2 weeks for Counting to 10, but students who need more time may take 4 weeks in ST Math.

Prerequisite Objectives

Prerequisite Objectives should be played before the indicated ST Math Objective. The left side of the table below displays each ST Math Objective in the default order and the right side shows the immediate prerequisite for each Objective.

Please consider: Any immediate prerequisite in the right column may have its own prerequisites. Objectives that are positioned by default later in the Journey will likely have a chain of prerequisites.

Grade 4

Journey

ST Math Objective	Is a prerequisite for	Prerequisite(s)
Place Value	2 Objectives	
Rounding Whole Numbers		Place Value
Comparing Whole Numbers		Place Value
Addition and Subtraction Algorithm		
Multi-Step Addition and Subtraction Problems	1 Objective	
Multiplicative Comparison		
Factors and Multiples		
Patterns		
Multi-Step Problems Using 4 Operations		Multi-Step Addition and Subtraction Problems
Applying Area and Perimeter	2 Objectives	
Mixed Numbers	4 Objectives	
Fraction Equivalence		Mixed Numbers
Addition and Subtraction with Fractions	1 Objective	Mixed Numbers
Fraction Multiplication		Mixed Numbers
Decimal Fractions	1 Objective	Addition and Subtraction with Fractions
Comparing Decimals		Decimal Fractions
Lines and Angles		
Lines of Symmetry		
Classifying Shapes		
Measurement and Conversions		
Multi-Digit Multiplication		Applying Area and Perimeter
Multi-Digit Division		Applying Area and Perimeter
Line Plots and Range		Mixed Numbers

Bonus

ST Math Objective	Is a prerequisite for	Prerequisite(s)
Math Challenge 4		
Challenge 4		
Cognitive Training		